

# [HIDDEN BRAKE SYSTEM FOR A WHEEL ]

## Abstract

A brake system for a wheel including a plunger assembly, brake pad assembly, drum assembly and a spring. The plunger assembly includes a plunger movable in a plunger housing, brake pad assembly chamber in the plunger housing and an axle opening. The brake pad assembly is movably mounted in the brake pad assembly chamber, whereby movement of the plunger causes movement of the brake pad assembly in the brake pad assembly chamber. The brake pad assembly includes an axle opening. The spring biases the brake pad assembly into the brake pad assembly chamber. The drum assembly includes a drum housing and a drum wear unit in the drum housing. The drum assembly includes an axle opening.